



(2-92)

Sheet 1 of 1

Form PTO-1449

Docket Number (Optional)
3770.2 (97-0332.2)Application Number
09/416,368

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INFORMATION DISCLOSURE CITATION
IN AN APPLICATIONApplicant **Corisis et al.**

APR -5 2002

Filing Date **October 12, 1999**Group Art Unit **2812**

TECHNOLOGY CENTER 2800

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>Q</i>	5,521,427	05/1996	Chia et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

[Signature]

DATE CONSIDERED

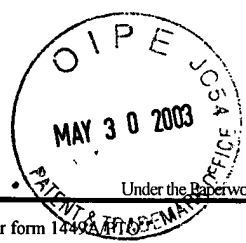
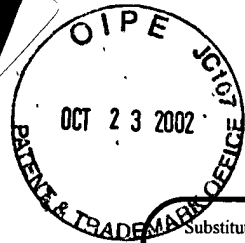
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PTO/SB/08A (10-01)

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Substitute for form 1449A (11-01)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 5

Complete if Known

Application Number	09/416,368
Filing Date	October 12, 1999
First Named Inventor	David J. Corisis et al.
Group Art Unit	2827
Examiner Name	D. Graybill
Attorney Docket Number	3770.2US (97-0332.2)

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
C		US- 3,932,934	01/20/1976	Lynch et al.	
		US- 4,142,286	03/06/1979	Knuth et al.	
		US- 4,528,747	07/16/1985	Hoffman et al.	
		US- 5,688,127	11/18/1997	Staab et al.	
		US- 4,722,135	02/02/1988	Read	
		US- 4,733,462	03/29/1988	Kawatani	
		US- 4,810,154	03/07/1989	Klemmer et al.	
		US- 4,940,181	07/10/1990	Juskey, Jr. et al.	
		US- 4,975,079	12/04/1990	Beaman et al.	
		US- 4,985,107	01/15/1991	Conroy et al.	
		US- 5,006,792	04/09/1991	Malhi et al.	
		US- 5,034,802	07/23/1991	Liebes, Jr. et al.	
		US- 5,051,339	09/24/1991	Friedrich et al.	
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		US- 5,056,216	10/15/1991	Madou et al.	
		US- 5,074,036	12/24/1991	Dunaway et al.	
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		US- 5,189,507	02/23/1993	Carlomagno et al.	
		US- 5,203,075	04/20/1993	Angulas et al.	

FOREIGN PATENT DOCUMENTS

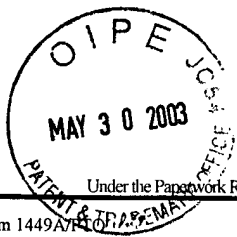
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet

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Application Number	09/416,368
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Attorney Docket Number	3770.2US (97-0332.2)

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
[Handwritten mark]		US- 5,255,431	10/26/1993	Burdick	
		US- 5,329,423	07/12/1994	Scholz	
		US- 5,337,219	08/09/1994	Carr et al.	
		US- 5,376,010	12/27/1994	Petersen	
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		US- 5,435,482	07/25/1995	Variot et al.	
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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

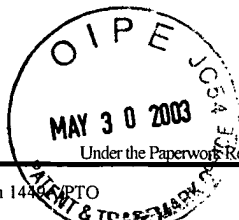
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Sheet	3	of	5
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	4	US- 5,637,008	06/10/1997	Kozel	
		US- 5,637,919	06/10/1997	Grabbe	
		US- 5,639,323	06/17/1997	Jordan	
		US- 5,646,447	07/08/1997	Ramsey et al.	
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	9	US- 6,037,667	03/14/2000	Hembree et al.	

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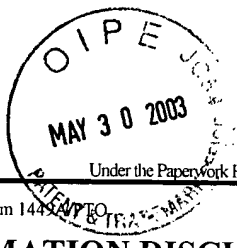
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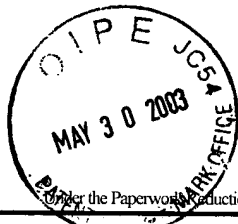
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Sheet 5 of 5

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First Named Inventor	David J. Corisis et al.
Group Art Unit	2827
Examiner Name	D. Graybill
Attorney Docket Number	3770 21US (97-0332 2)

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
G		PUTTLITZ et al., "C-4/CBGA Comparison with Other MLC Single Chip Package Alternatives," <u>IEEE Transactions on Components, Packaging, and Manufacturing Technology</u> , May 1995, pps. 250-256, Part B, Vol. 18, No.2.	
G		GOLDMANN, Lewis S., "Statistical Model for the Inherent Tilt of Flip-Chips," <u>Transactions of the ASME Journal of Electronic Packaging</u> , March 1996, pps. 16-20, Vol. 118.	
G		NASIATKA et al., "Determination of Optimal Solder Volume for Precision Self-Alignment of BGA using Flip-Chip Bonding," pps. 6-9.	

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